# Smoke Signals

## EAA Chapter 175 Newsletter



Newsletter for May, 2013
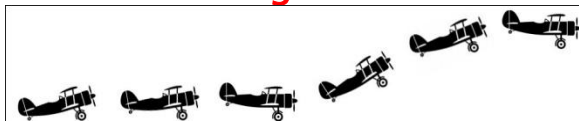
Next Meeting

## President's Corner

There are some things in this country that we all tend to take for granted. The right to the pursuit of happiness, to choose where we want to live , what we want to do with our lives, who we marry, etc… even the right to vote.

On May 25th we are having a membership vote on some minor corrections and some changes in our By-Laws. I have sent everyone a copy of this, so you are informed of the changes, and also because the By-Laws state you will be notified 10 days before a vote takes place to inform yourselves of the issues.

I have complied with the notification requirement.  Now I need you to comply with the membership aspect of the By-Laws.

In order to be a member, you must first be a member in good standing with the National EAA with your dues to them. So please bring your membership cards with you to the May meeting. Then, you must also be a member in good standing, by having paid your yearly dues, to your local EAA Chapter 175. If you have not paid them yet, you may pay them on the meeting date, May 25th, as you have already been sent the information to logically inform yourselves of the vote to take place. Our Membership Director, Bill Johnston, will be there to give you a receipt for your dues, and to log you as being paid. If you have already paid, thank you! You can just relax and enjoy your breakfast and the company of the others who have paid. You already qualify for the voting rights.

And, voting is a right. Not a given. And there will perhaps be only a couple other occasions that this would happen, elections, By-Law changes, etc.  and it shows you are interested in your chapter.

I would like to see this chapter continue to grow. We have several new faces that have joined us this year and we welcome all of

them! If you have friends that would like to join, please bring them to a meeting or an event, and give them a chance to meet us, and see if we fill their expectations of what a interesting, fun, friendly, and active Chapter is about.

See you at the May meeting! And Fly Safe!

Ginger Adelstone,

# Upcoming Events …Out and About

**May 25, 2013**
**11:00 AM - 5:00 PM**
**Wings Over Miami Memorial Day Festival, Car Show & Fly-in**
Miami, FL. **At Kendall Tamiami Executive Airport** (KTMB). On Memorial Day weekend the museum will be full of great action! We will be having an open car show, a day of Bluegrass Music, Art Exhibit and planes in the air! Come and hear mini seminars on photography, South Florida history and meet the Tuskegee Airmen! Enjoy the music from the South Florida Bluegrass Association as they join us for their second music festival! Bring a chair, your sunblock and hang-on to your hat for a fun filled day! Pilots: call 305 233-5197 if you can give us a heads up. Fly-In early!

**8:00 AM - 11:00 AM**
**Timeless Wings and Wheels Fly-in Breakfast**
Timeless Wings and Wheels Fly-in Breakfast held at Airgate Aviation the 2nd Saturday of every month from 8:00 am until 11:00 am. Drive-in/Fly-in/Walk-in, all are welcome. Rain or shine. $5.00.

**EVB New Smyrna Beach Municipal Airport** New Smyrna Beach, Florida, USA**Contact:** Carole Norville | sapp.carole@knights.ucf.edu | 386-314-4499

May 25, 2013 -- **Young Eagles flights**

Orlando, FL, USA    72 miles

Jun 1, 2013 -- **Chapter 812 Young Eagles Rally**

 Ocala, FL, USA      84 miles

Jun 8, 2013 --Pancake Breakfast - Young Eagles Flights

Sebring, FL,USA     69 miles

Jun 8, 2013 --International Young Eagles Day

         St. Petersburg, FL   22 miles

Jun 8, 2013 -- Young Eagle Rally

Tampa, FL, USA

Jun 15, 2013 -- Young Eagles Rally

Clearwater, FL, USA 24 miles

Sep 14-15, 2013 --EAA SportAir Aircraft Building Workshops
        Orlando, FL

## Our Young Eagle Flights:

Getting ready for another Young Eagles Rally, June 8 from 10-12 at Tampa Executive Airport, at  Leading Edge.

This event is for kids from 8-17 years old. Invite your friends and neighbors! Have them bring their future "Young Eagle".

 We are in need of pilots and volunteers.

Please notify Cmdr Gail Ryan at , cgryan4823@hotmail.com

Leon Adelstone at Uncleleon@aol.com to notify if you can fly, or volunteer, and Tom Beiser if you are going to fly, so you may register with him at tkbeiser@yahoo.com.

## Program:

On Aviation Communications, by

*Michael Paul Muetzel*

Commander, United States Navy Retired

Naval Aviator

Fixed Wing And Rotary Wing

Single Engine And Multi Engine Aircraft

Airline Transport Pilot

Certificated Flight Instructor - Instrument

Airframe And Powerplant Mechanic

Aircraft Homebuilder

Federal Aviation Administration Safety Team Volunteer

My father was an Avenger pilot in WWII, served in Reserves into the Sixties,so I grew up in a family where flying was what normal people did. I learned to fly while in college, then learned again in the Navy, and have been learning ever since what they didn't teach me. Flew sub-hunting helos from destroyer escorts, basic through acrobatic pilot training, mountain search and rescue, and transport planes – not simultaneously, of course. Retired to a job with a commuter airline, flew helicopter tours and utility jobs, then emergency medical services. Retired when commuting to the job stole all the fun out of doing the job.

## BYLAWS – For Review:

Proposed Chapter 175 bylaws with changes for review prior to voting:

Sent as an attachment to the newsletter.

Please review.

**EAA CHAPTER 175 MONTHLY MEETING MINUTES**

DATE: April 27, 2013

LOCATION: EAA Chapter House, Tampa Executive Airport (KVDF)
ATTENDANCE: 24

### *Business Meeting*

The chapter meeting was called to order at 9:00 AM by President Ginger Adelstone. Thanks were given to Earl and Pat Groff for preparing breakfast this morning. They will be heading back to New Jersey in 3 days. We look forward to seeing them again in the fall!

### Old Business

*Meeting Minutes*: Steve Reisser stated that the March meeting minutes were emailed as a supplement to the standard placement in Smoke Signals. A motion to accept the minutes as emailed to the membership. The motion was seconded.

*Treasurers Report*: Don Miller, Treasurer, provided a verbal statement of the current banking balance and expenses. A motion was made to accept the treasure's report, and was seconded. The motion was accepted as passed without objection.

### New Business

*Event Canopy*
Don Miller has provided the chapter with an outdoor canopy to help with future events. The chapter thanked Don for his contribution..

*Future Events*
EAA 175 is planning a June 22nd Young Eagles event at Peter O'Knight Airport for the children of deployed military personnel. Derrick from Atlas Aviation stated that he was happy to host our Chapter even and will provide a conference room to stage our flights, a gas grill for cooking, and will supply a large iced cooler for drinks. His personnel will assist in ramp control of aircraft. Atlas Aviation will discount their fuel price by $1 for Young Eagle pilots.

*Shirts*
The next order of EAA 175 shirts has been made and those ordering shirts can pick them up at the May 25th meeting.

*Silver Lady*

The Ercoupe is working well. There is a future project to re-cover the wings. Richard stated he has been experimenting on the wings to remove cracked paint.

At 9:15 AM, with no other new business being provided, a motion was made to close the business portion of the meeting. The motion was seconded and accepted as passed without objection.

**Program**

Richard Ilfeld provided an interesting aviation program on tools for your desktop and notebook computer to not only fly airplanes, but also to emulate and enhance your experimental aircraft designs. Richard showed us the basic features of "X-Plane". He demonstrated how it was used to reproduce and fly the Silver Lady and the aircraft he is building, an Osprey.

X-Plane is a flight and design simulator design for MAC OS X, but is also available for Windows and Linux produced by Laminar Research. X-Plane is packaged with several commercial, military and other aircraft as well as basic global scenery. X-Plane also has a plug-in architecture that allows users to create their own modules, extending the functionality of the software by letting users create their own worlds or replicas of places on Earth.

Real world performance of designed aircraft is not perfect, default forces are "twitchy", but can be dampened. The software is good enough to be useful to actual designers, and to be approved by the FAA for support training permitted simulators, in particular.

There is a "free" version of this software but limits the user to a 15 minute session. You can find a downloadable version at http://www.X-Plane.org  Be aware that the manufacturer suggests high end requirements as follows:
CPU: 2Ghz dual-core (minimum), 3Ghz Multi-core (recommended). Video Card: 256Mb dedicated (min), 1Gb VRAM recommended,. 2GB RAM (Min), 4GB RAM recommended. Without the recommended

hardware (especially a high speed graphic accelerator, performance can be slow. Even at that, this is a great design tool.

A global edition, version 10, on the website is priced at $69.99. The previous version of X-Plane, version 9, is also available at $39.99. There is a "Professional Version" for the tidy cost of $750 that includes necessary certification standards as required by the FAA for large simulators.

There are lots of aircraft types that come standard with the $69.99 version of software, but what is great is that you can share, or receive flyable, and re-designable, aircraft that are not on the standard package. Importing new aircraft is fairly simple. You can also modify and enhance topography to create the environment you want to fly. Some places you can download extras are…

Free 2-D graphics at http://www.gimp.org/downloads/
Free 3-D Graphics at http://www.blender.org
A free TUTORIAL can be found on YouTube at http://www.youtube.com/watch?v=14m2wRb7ZBA

Richard's presentation ended at 9:50 AM

Respectfully Submitted by
Steve Reisser, Secretary
EAA 175

Chapter175:

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# Peter O Knight

# Low Approach?



Video (From Gordon)

http://jalopnik.com/gorgeous-video-shows-the-aerodynamics-of-a-plane-landin-476487430

Check It Out!

# IF….

Your Kids, or grandkids liked "Cars", they might like this too.  Of course, you would have to take them and sit through it as well.     ;<)

http://justacarguy.blogspot.com/2013/04/the-new-movie-planes-by-pixar-and.html

# Friends

## Need a Flight Review?

Jim Piche Certified Flight Instructor Single & Multiengine. Call for more information 813-503-3926 pichejrbm@aol.com

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## AEROMECH Inc.

Quality Aircraft Parts & Supplies Lakeland Linder Regional Airport 3454 Airfield Drive West Lakeland, Florida 33811-1240 863-619-8133 Toll Free: (888) 618-8133

www.aeromech-inc.com

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## Wing Waxers

Barry & Sylvia Ford Lakeland Linder Regional Airport  3434 Airfield Drive West Ste. #4 Lakeland, Florida 33811-1240

www.wingwaxers@excite.com

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## Leading Edge Aviation Services, Inc. Maintenance
813-623-6483
FBO  813-626-1515
Mark Moberg
Tampa Executive Airport
6582 Eureka Springs Rd
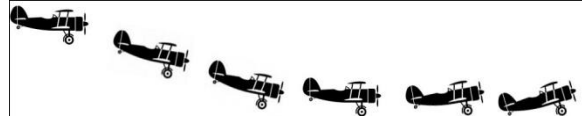Tampa, Florida 33610
www.leadingedgeaviation.com

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## Reliable Aviation, Inc
6044 Vandenberg Hangar Lane
Tampa, FL 33610
813-626-4884

www.reliableaviation.com

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Miscellany



Besler Steam Airplane 1933

The Besler Steam Airplane from 1933 was powered by a steam boiler and was so quiet that spectators on the ground could hear the pilot talking to them:

# Wordless Workshop